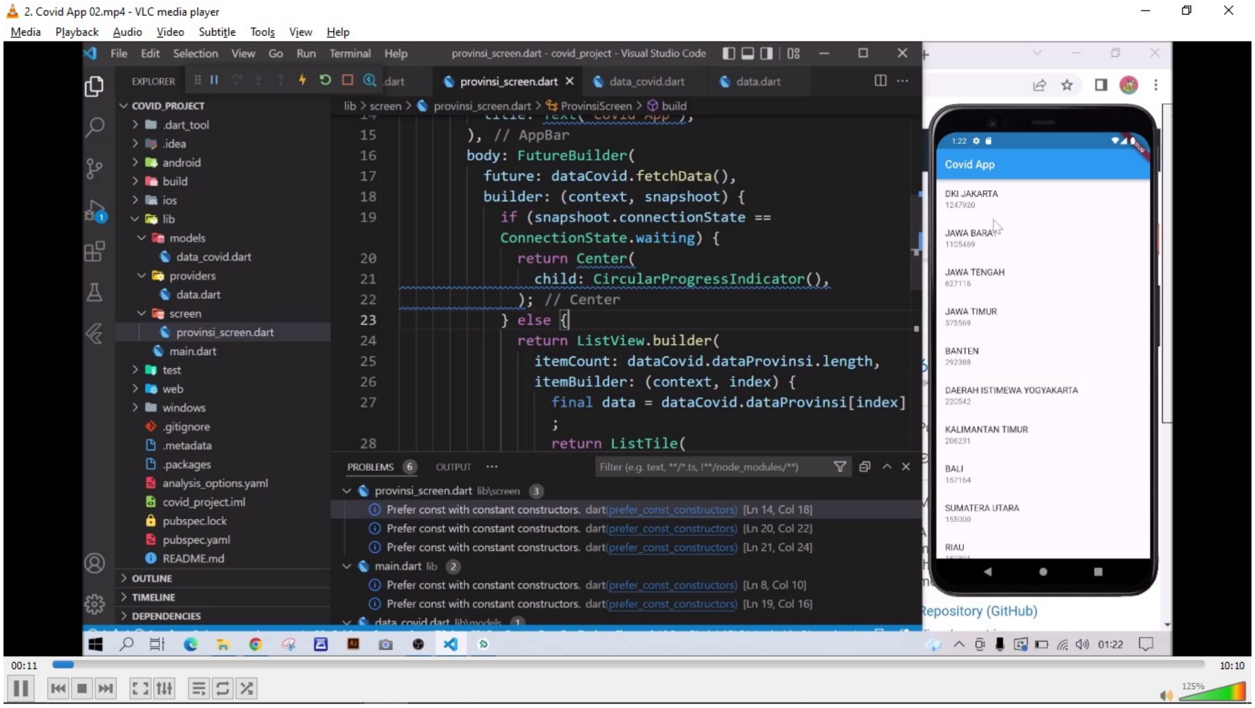
Kali mendesain grid
Data nya bentuk grid bukan bentuk listview

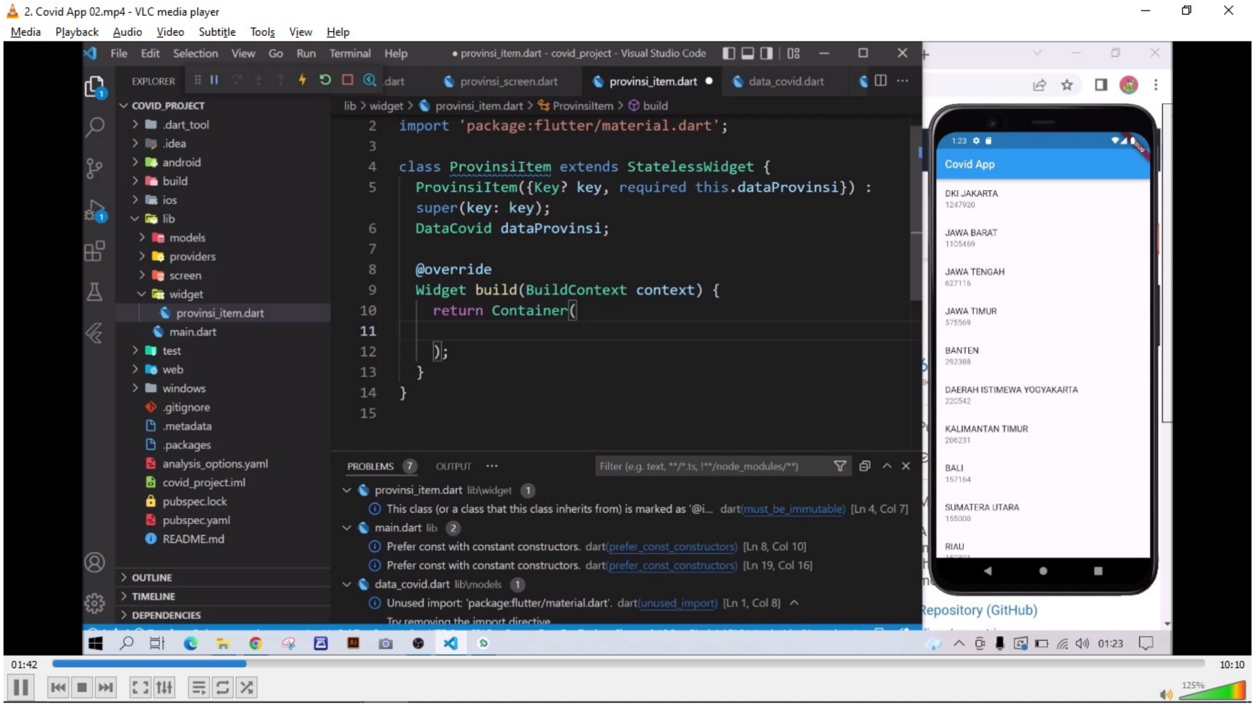

2. Covid App 02.mp4 - VLC media player
provinsi_screen.dart - covid_project - Visual Studio Code
provinsi_screen.dart
data_covid.dart
data.dart
lib > screen > provinsi_screen.dart > ProvinsiScreen > build
00:11
10:10

```
      ), // AppBar
      body: FutureBuilder(
        future: dataCovid.fetchData(),
        builder: (context, snapshoot) {
          if (snapshoot.connectionState ==
          ConnectionState.waiting) {
            return Center(
              child: CircularProgressIndicator(),
            ); // Center
          } else {
            return ListView.builder(
              itemCount: dataCovid.dataProvinsi.length,
              itemBuilder: (context, index) {
                final data = dataCovid.dataProvinsi[index]
                ;
                return ListTile(
```

```
PROBLEMS 6
provinsi_screen.dart lib\screen 3
  Prefer const with constant constructors. dart(prefer_const_constructors) [Ln 14, Col 18]
  Prefer const with constant constructors. dart(prefer_const_constructors) [Ln 20, Col 22]
  Prefer const with constant constructors. dart(prefer_const_constructors) [Ln 21, Col 24]
main.dart lib 2
  Prefer const with constant constructors. dart(prefer_const_constructors) [Ln 8, Col 10]
  Prefer const with constant constructors. dart(prefer_const_constructors) [Ln 19, Col 16]
```

Covid App
DKI JAKARTA 1247920
JAWA BARAT 1105469
JAWA TENGAH 627116
JAWA TIMUR 575569
BANTEN 292388
DAERAH ISTIMEWA YOGYAKARTA 220542
KALIMANTAN TIMUR 206231
BALI 157164
SUMATERA UTARA 155000
RIAU

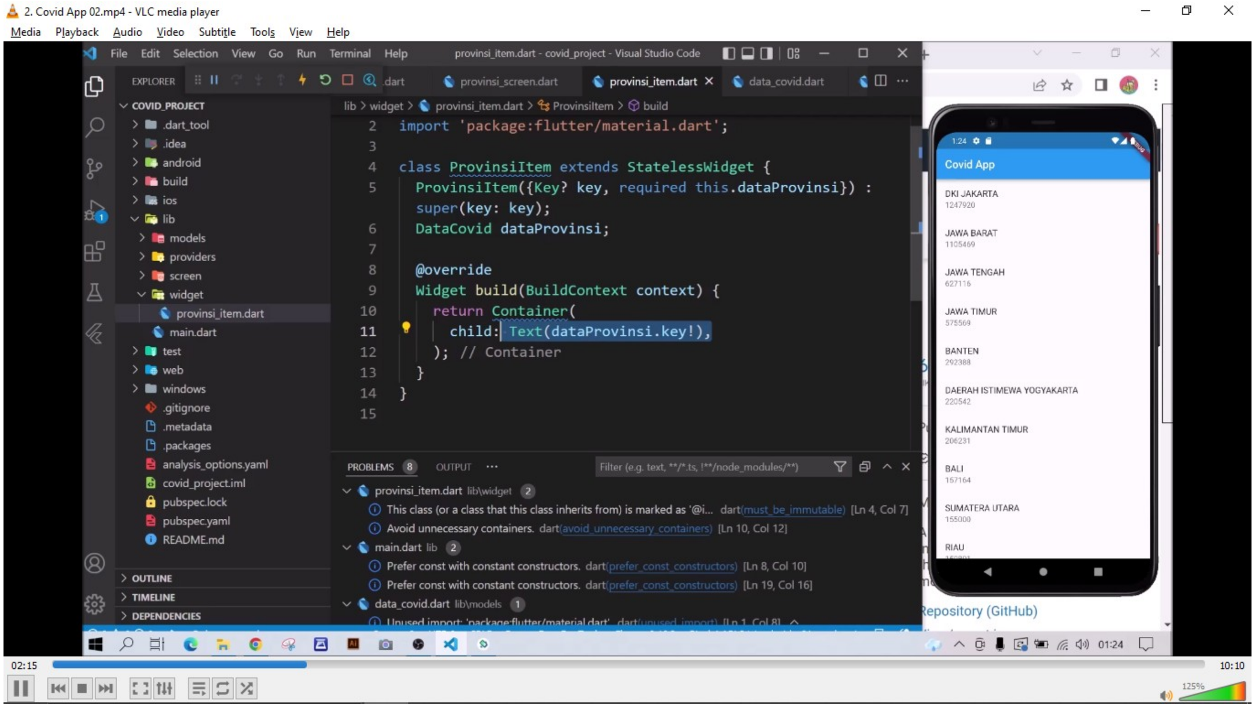
Buat folder widget isinya item dari gridview.builder
Buat Namanya provinsi_item.dart
Buat stl provinsiItem
Return bentuknya container
Dan dia meminta dataCovid dataProvinsi buat tambah dicontructor dan const di hapus


2. Covid App 02.mp4 - VLC media player
● provinsi_item.dart - covid_project - Visual Studio Code
provinsi_screen.dart
provinsi_item.dart
data_covid.dart
lib > widget > provinsi_item.dart > ProvinsiItem > build
01:42
10:10

```
import 'package:flutter/material.dart';

class ProvinsiItem extends StatelessWidget {
  ProvinsiItem({Key? key, required this.dataProvinsi}) :
  super(key: key);
  DataCovid dataProvinsi;

  @override
  Widget build(BuildContext context) {
    return Container(

    );
  }
}
```

```
PROBLEMS 7
provinsi_item.dart lib\widget 1
  This class (or a class that this class inherits from) is marked as '@i... dart(must_be_immutable) [Ln 4, Col 7]
main.dart lib 2
  Prefer const with constant constructors. dart(prefer_const_constructors) [Ln 8, Col 10]
  Prefer const with constant constructors. dart(prefer_const_constructors) [Ln 19, Col 16]
data_covid.dart lib\models 1
  Unused import: 'package:flutter/material.dart'. dart(unused_import) [Ln 1, Col 8]
  Try removing the import directive
```

Kemudian tampilkan text child nya
Tanda seru karna null lebel

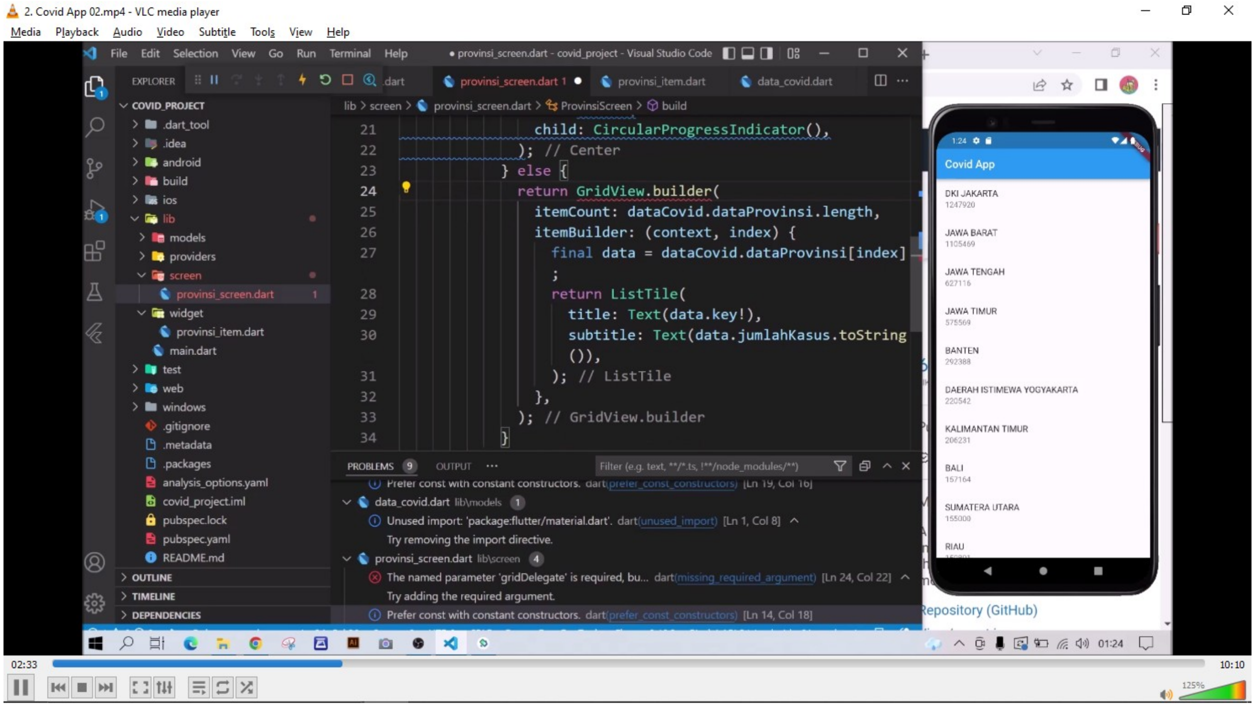

2. Covid App 02.mp4 - VLC media player
Media Playback Audio Video Subtitle Tools View Help
provinsi_item.dart - covid_project - Visual Studio Code
EXPLORER
COVID_PROJECT
provinsi_screen.dart
provinsi_item.dart
data_covid.dart
lib > widget > provinsi_item.dart > ProvinsiItem > build
02:15
10:10

```dart
import 'package:flutter/material.dart';

class ProvinsiItem extends StatelessWidget {
  ProvinsiItem({Key? key, required this.dataProvinsi}) :
  super(key: key);
  DataCovid dataProvinsi;

  @override
  Widget build(BuildContext context) {
    return Container(
      child: Text(dataProvinsi.key!),
    ); // Container
  }
}
```

```
PROBLEMS 8
provinsi_item.dart lib\widget 2
  This class (or a class that this class inherits from) is marked as '@i... dart(must_be_immutable) [Ln 4, Col 7]
  Avoid unnecessary containers. dart(avoid_unnecessary_containers) [Ln 10, Col 12]
main.dart lib 2
  Prefer const with constant constructors. dart(prefer_const_constructors) [Ln 8, Col 10]
  Prefer const with constant constructors. dart(prefer_const_constructors) [Ln 19, Col 16]
data_covid.dart lib\models 1
  Unused import: 'package:flutter/material.dart'. dart(unused_import) [Ln 1, Col 8]
```

```
Covid App
DKI JAKARTA
1247920
JAWA BARAT
1105469
JAWA TENGAH
627116
JAWA TIMUR
575569
BANTEN
292388
DAERAH ISTIMEWA YOGYAKARTA
220542
KALIMANTAN TIMUR
206231
BALI
157164
SUMATERA UTARA
155000
RIAU
```

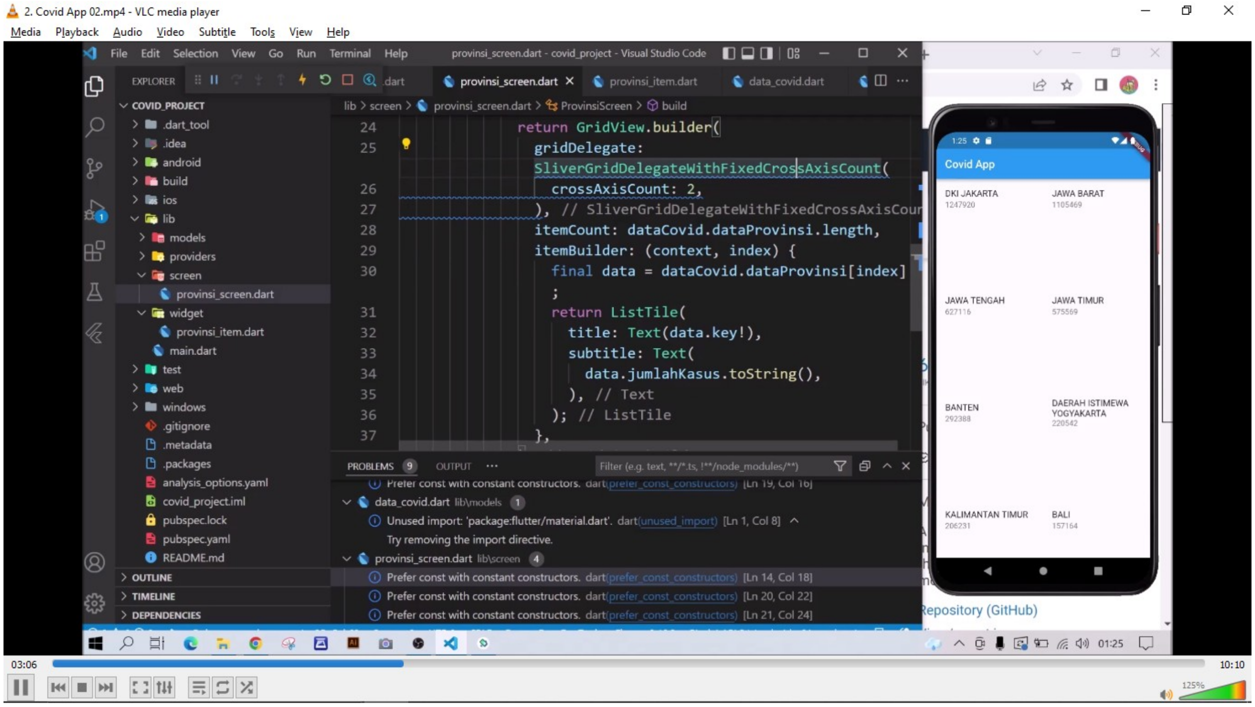
Sudah membuat
Dilistview ganti gridview


2. Covid App 02.mp4 - VLC media player
Media Playback Audio Video Subtitle Tools View Help
• provinsi_screen.dart - covid_project - Visual Studio Code
EXPLORER
COVID_PROJECT
provinsi_screen.dart 1
provinsi_item.dart
data_covid.dart
lib > screen > provinsi_screen.dart > ProvinsiScreen > build
02:33
10:10

```dart
                child: CircularProgressIndicator(),
              ); // Center
            } else {
              return GridView.builder(
                itemCount: dataCovid.dataProvinsi.length,
                itemBuilder: (context, index) {
                  final data = dataCovid.dataProvinsi[index]
                  ;
                  return ListTile(
                    title: Text(data.key!),
                    subtitle: Text(data.jumlahKasus.toString
                    ()),
                  ); // ListTile
                },
              ); // GridView.builder
            }
```

```
PROBLEMS 9
  Prefer const with constant constructors. dart(prefer_const_constructors) [Ln 19, Col 16]
data_covid.dart lib\models 1
  Unused import: 'package:flutter/material.dart'. dart(unused_import) [Ln 1, Col 8]
  Try removing the import directive.
provinsi_screen.dart lib\screen 4
  The named parameter 'gridDelegate' is required, bu... dart(missing_required_argument) [Ln 24, Col 22]
  Try adding the required argument.
  Prefer const with constant constructors. dart(prefer_const_constructors) [Ln 14, Col 18]
```

itemBuilder dan itemCount
dia butuh gridDelege:
slivergridDelege buat 2

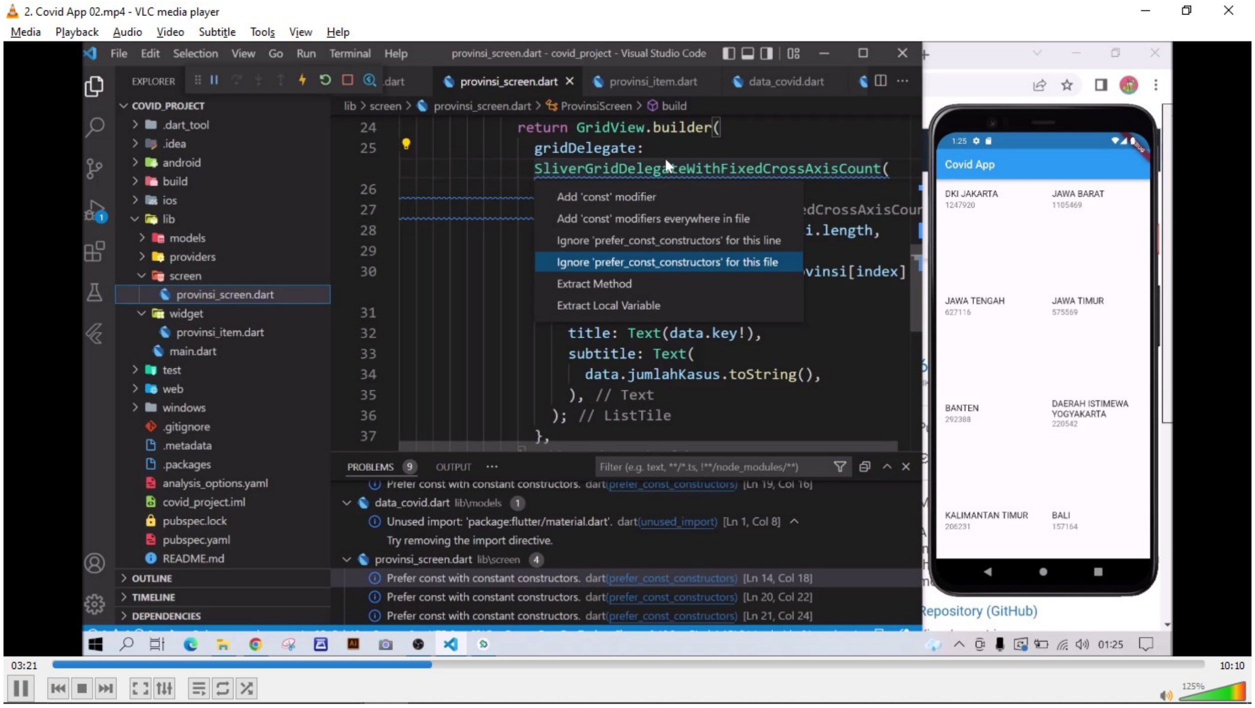

2. Covid App 02.mp4 - VLC media player
provinsi_screen.dart - covid_project - Visual Studio Code
COVID_PROJECT
provinsi_screen.dart
provinsi_item.dart
data_covid.dart
Covid App
03:06
10:10

```
return GridView.builder(
  gridDelegate:
  SliverGridDelegateWithFixedCrossAxisCount(
    crossAxisCount: 2,
  ), // SliverGridDelegateWithFixedCrossAxisCoun
  itemCount: dataCovid.dataProvinsi.length,
  itemBuilder: (context, index) {
    final data = dataCovid.dataProvinsi[index]
    ;
    return ListTile(
      title: Text(data.key!),
      subtitle: Text(
        data.jumlahKasus.toString(),
      ), // Text
    ); // ListTile
  },
```

```
Prefer const with constant constructors. dart(prefer_const_constructors) [Ln 19, Col 16]
data_covid.dart lib\models 1
  Unused import: 'package:flutter/material.dart'. dart(unused_import) [Ln 1, Col 8]
  Try removing the import directive.
provinsi_screen.dart lib\screen 4
  Prefer const with constant constructors. dart(prefer_const_constructors) [Ln 14, Col 18]
  Prefer const with constant constructors. dart(prefer_const_constructors) [Ln 20, Col 22]
  Prefer const with constant constructors. dart(prefer_const_constructors) [Ln 21, Col 24]
```

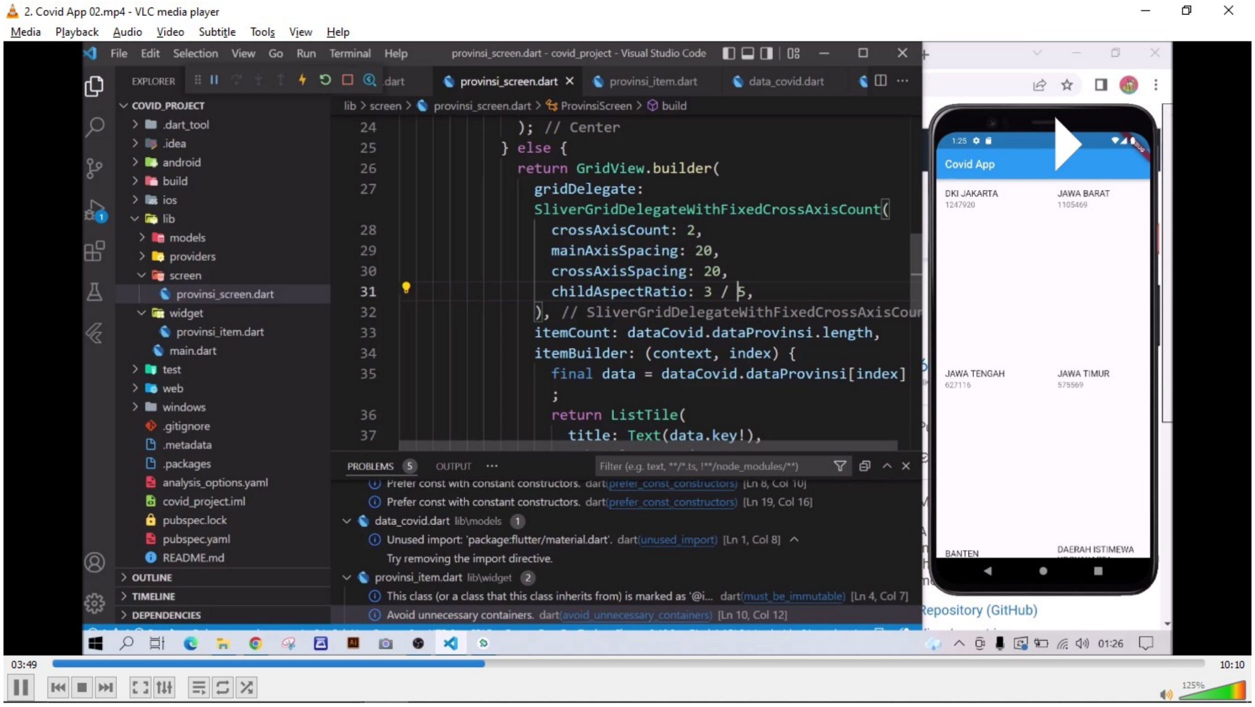
DKI JAKARTA 1247920	JAWA BARAT 1105469
JAWA TENGAH 627116	JAWA TIMUR 575569
BANTEN 292388	DAERAH ISTIMEWA YOGYAKARTA 220542
KALIMANTAN TIMUR 206231	BALI 157164

Untuk menghapus keriteng


2. Covid App 02.mp4 - VLC media player
provinsi_screen.dart - covid_project - Visual Studio Code
Add 'const' modifier
Add 'const' modifiers everywhere in file
Ignore 'prefer_const_constructors' for this line
Ignore 'prefer_const_constructors' for this file
Extract Method
Extract Local Variable
Covid App
03:21
10:10

```
return GridView.builder(
  gridDelegate:
  SliverGridDelegateWithFixedCrossAxisCount(
    title: Text(data.key!),
    subtitle: Text(
      data.jumlahKasus.toString(),
    ), // Text
  ); // ListTile
},
```

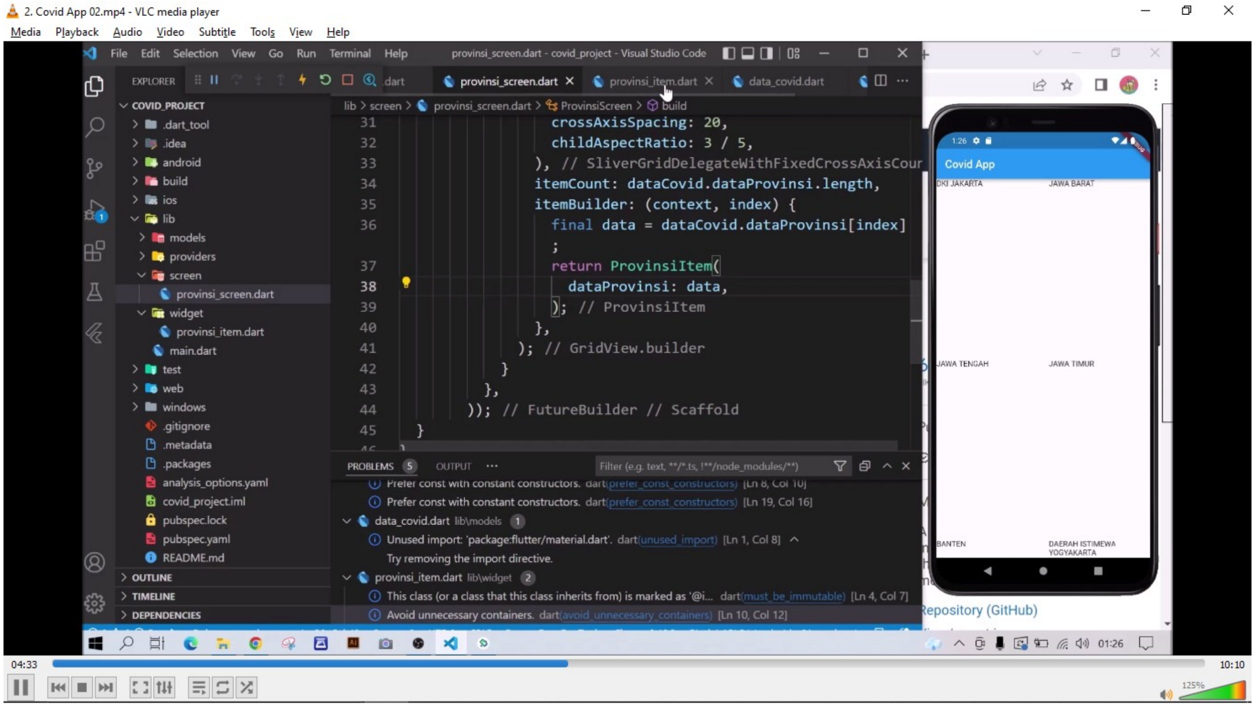
Kemudian mainAxis 20
Dan
childAspecratio tinggi nya 3 lebar 5


2. Covid App 02.mp4 - VLC media player
Media Playback Audio Video Subtitle Tools View Help
provinsi_screen.dart - covid_project - Visual Studio Code
EXPLORER
COVID_PROJECT
.dart_tool
.idea
android
build
ios
lib
models
providers
screen
provinsi_screen.dart
widget
provinsi_item.dart
main.dart
test
web
windows
.gitignore
.metadata
.packages
analysis_options.yaml
covid_project.iml
pubspec.lock
pubspec.yaml
README.md
OUTLINE
TIMELINE
DEPENDENCIES
provinsi_screen.dart
provinsi_item.dart
data_covid.dart
lib > screen > provinsi_screen.dart > ProvinsiScreen > build
Covid App
DKI JAKARTA
1247920
JAWA BARAT
1105469
JAWA TENGAH
627116
JAWA TIMUR
575569
BANTEN
DAERAH ISTIMEWA
Repository (GitHub)
03:49
10:10
01:26
125%

```
      ); // Center
    } else {
      return GridView.builder(
        gridDelegate:
        SliverGridDelegateWithFixedCrossAxisCount(
          crossAxisCount: 2,
          mainAxisSpacing: 20,
          crossAxisSpacing: 20,
          childAspectRatio: 3 / 5,
        ), // SliverGridDelegateWithFixedCrossAxisCou
        itemCount: dataCovid.dataProvinsi.length,
        itemBuilder: (context, index) {
          final data = dataCovid.dataProvinsi[index]
          ;
          return ListTile(
            title: Text(data.key!),
```

```
PROBLEMS 5   OUTPUT
  Prefer const with constant constructors. dart(prefer_const_constructors) [Ln 8, Col 10]
  Prefer const with constant constructors. dart(prefer_const_constructors) [Ln 19, Col 16]
data_covid.dart lib\models 1
  Unused import: 'package:flutter/material.dart'. dart(unused_import) [Ln 1, Col 8]
    Try removing the import directive.
provinsi_item.dart lib\widget 2
  This class (or a class that this class inherits from) is marked as '@i... dart(must_be_immutable) [Ln 4, Col 7]
  Avoid unnecessary containers. dart(avoid_unnecessary_containers) [Ln 10, Col 12]
```

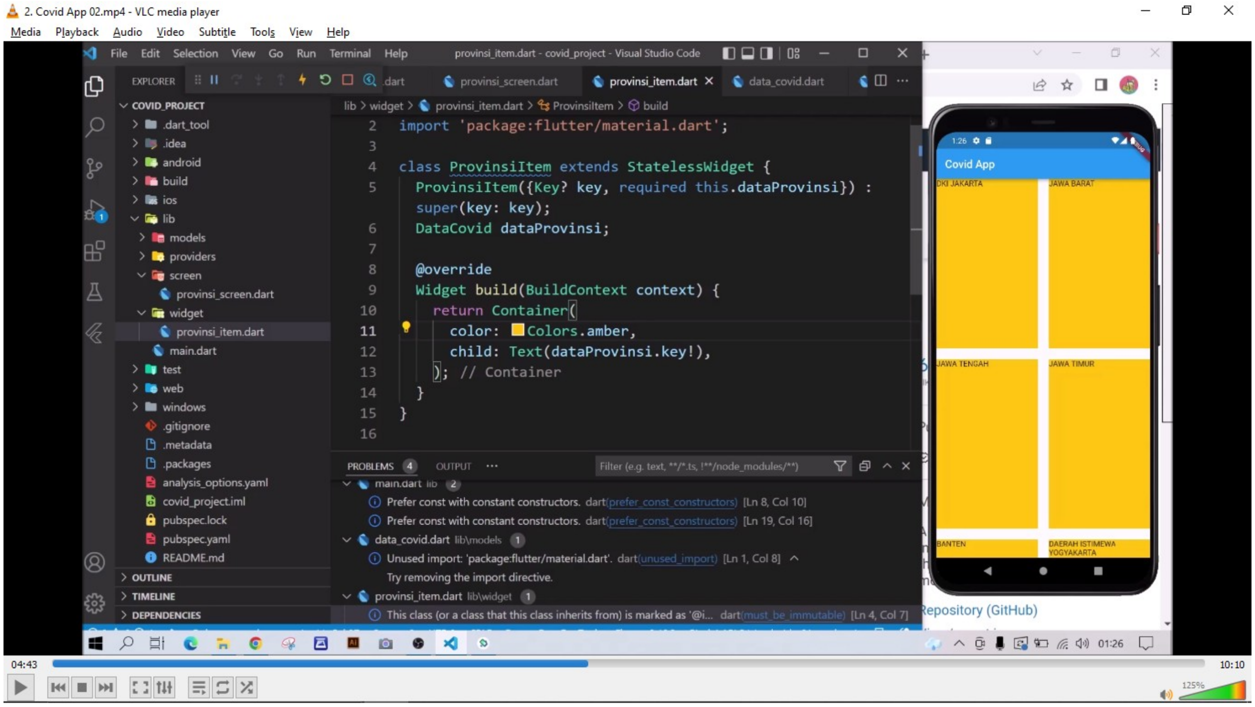
Kemudian listTile ganti tidak memberikan listile
Isi provinsiItem dia membuttuhkan dataProvinsi dia ambil dari data


2. Covid App 02.mp4 - VLC media player
Media Playback Audio Video Subtitle Tools View Help
provinsi_screen.dart - covid_project - Visual Studio Code
EXPLORER
COVID_PROJECT
provinsi_screen.dart
provinsi_item.dart
data_covid.dart
lib > screen > provinsi_screen.dart > ProvinsiScreen > build
Covid App
DKI JAKARTA
JAWA BARAT
JAWA TENGAH
JAWA TIMUR
BANTEN
DAERAH ISTIMEWA YOGYAKARTA
Repository (GitHub)
04:33
10:10
01:26
125%

```
          crossAxisSpacing: 20,
          childAspectRatio: 3 / 5,
        ), // SliverGridDelegateWithFixedCrossAxisCour
        itemCount: dataCovid.dataProvinsi.length,
        itemBuilder: (context, index) {
          final data = dataCovid.dataProvinsi[index]
          ;
          return ProvinsiItem(
            dataProvinsi: data,
          ); // ProvinsiItem
        },
      ); // GridView.builder
    }
  },
)); // FutureBuilder // Scaffold
}
```

```
PROBLEMS 5   OUTPUT
  Prefer const with constant constructors. dart(prefer_const_constructors) [Ln 8, Col 10]
  Prefer const with constant constructors. dart(prefer_const_constructors) [Ln 19, Col 16]
data_covid.dart lib\models 1
  Unused import: 'package:flutter/material.dart'. dart(unused_import) [Ln 1, Col 8]
    Try removing the import directive.
provinsi_item.dart lib\widget 2
  This class (or a class that this class inherits from) is marked as '@i... dart(must_be_immutable) [Ln 4, Col 7]
  Avoid unnecessary containers. dart(avoid_unnecessary_containers) [Ln 10, Col 12]
```

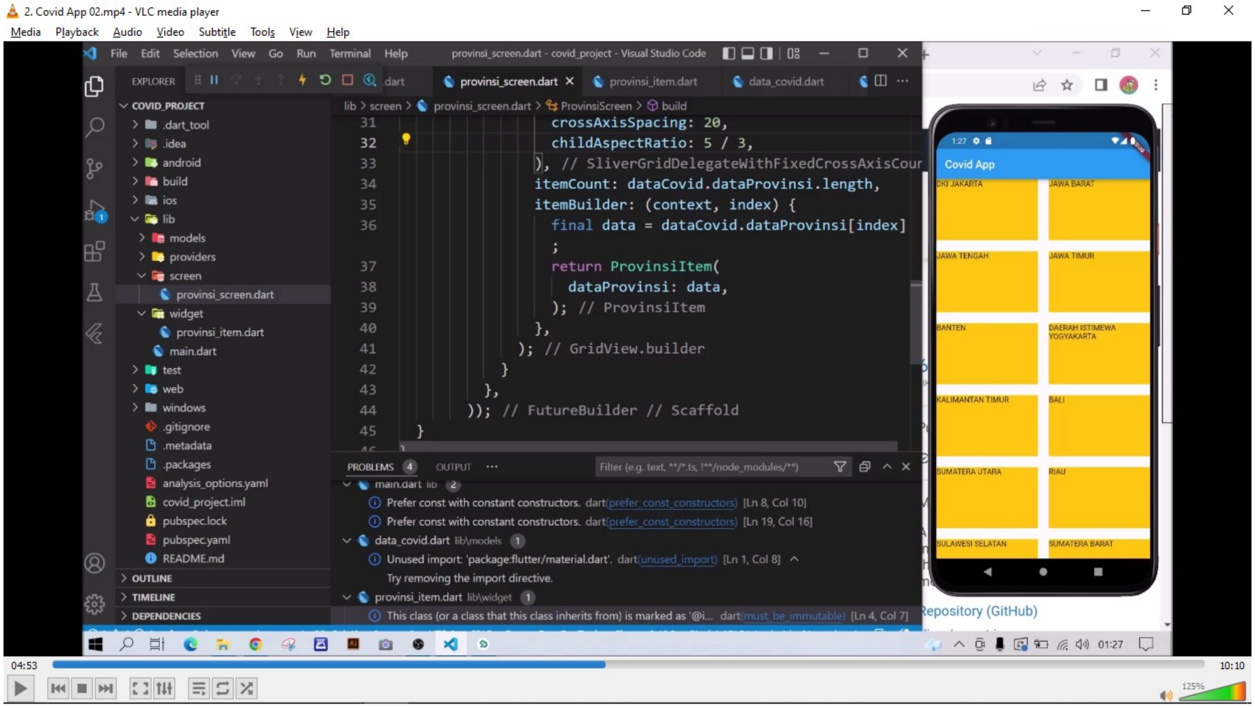
Maka sudah tampil masing2 provinsi
Sekarang desain
Kasih color


2. Covid App 02.mp4 - VLC media player
provinsi_item.dart - covid_project - Visual Studio Code
lib > widget > provinsi_item.dart > ProvinsiItem > build
Covid App
DKI JAKARTA
JAWA BARAT
JAWA TENGAH
JAWA TIMUR
BANTEN
DAERAH ISTIMEWA YOGYAKARTA
04:43
10:10

```dart
import 'package:flutter/material.dart';

class ProvinsiItem extends StatelessWidget {
  ProvinsiItem({Key? key, required this.dataProvinsi}) :
  super(key: key);
  DataCovid dataProvinsi;

  @override
  Widget build(BuildContext context) {
    return Container(
      color: Colors.amber,
      child: Text(dataProvinsi.key!),
    ); // Container
  }
}

```

```
PROBLEMS 4
main.dart lib 2
  Prefer const with constant constructors. dart(prefer_const_constructors) [Ln 8, Col 10]
  Prefer const with constant constructors. dart(prefer_const_constructors) [Ln 19, Col 16]
data_covid.dart lib\models 1
  Unused import: 'package:flutter/material.dart'. dart(unused_import) [Ln 1, Col 8]
  Try removing the import directive.
provinsi_item.dart lib\widget 1
  This class (or a class that this class inherits from) is marked as '@i... dart(must_be_immutable) [Ln 4, Col 7]
```

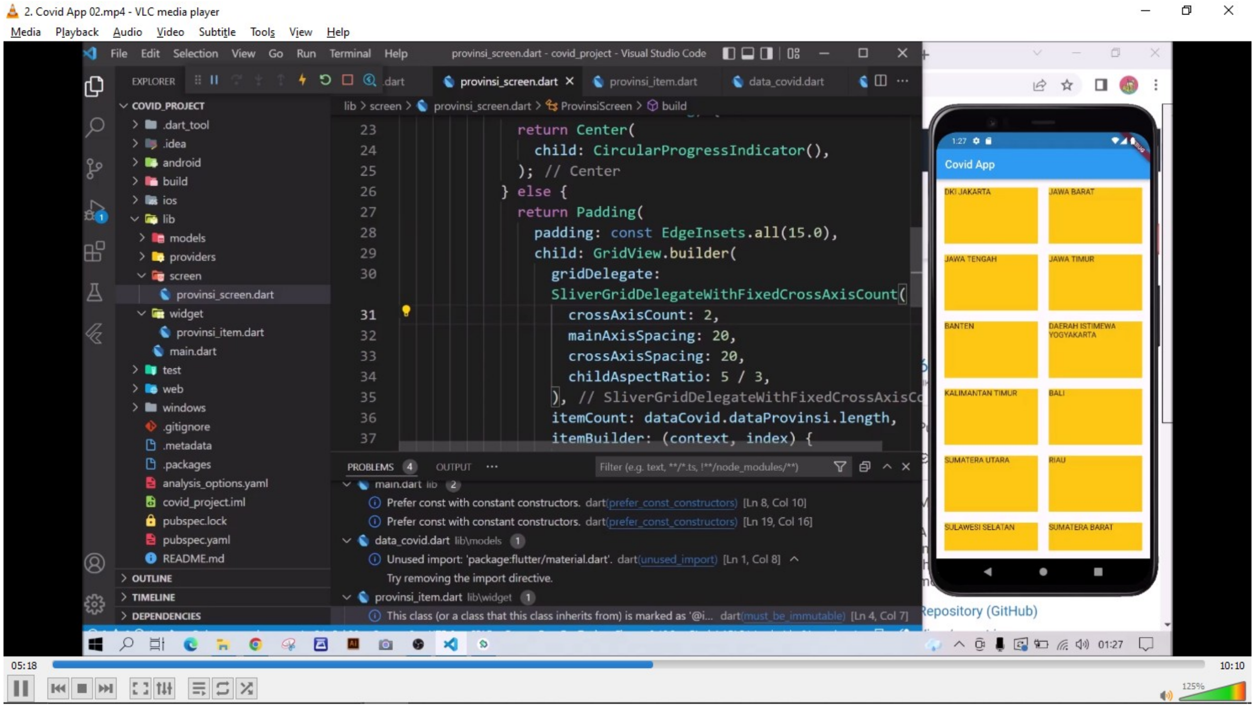
Buat 5/3 terbalik


2. Covid App 02.mp4 - VLC media player
provinsi_screen.dart - covid_project - Visual Studio Code
lib > screen > provinsi_screen.dart > ProvinsiScreen > build
Covid App
DKI JAKARTA
JAWA BARAT
JAWA TENGAH
JAWA TIMUR
BANTEN
DAERAH ISTIMEWA YOGYAKARTA
KALIMANTAN TIMUR
BALI
SUMATERA UTARA
RIAU
SULAWESI SELATAN
SUMATERA BARAT
04:53
10:10

```dart
          crossAxisSpacing: 20,
          childAspectRatio: 5 / 3,
         ), // SliverGridDelegateWithFixedCrossAxisCour
         itemCount: dataCovid.dataProvinsi.length,
         itemBuilder: (context, index) {
          final data = dataCovid.dataProvinsi[index]
          ;
          return ProvinsiItem(
           dataProvinsi: data,
          ); // ProvinsiItem
         },
        ); // GridView.builder
       }
      },
     )); // FutureBuilder // Scaffold
  }
```

```
PROBLEMS 4
main.dart lib 2
  Prefer const with constant constructors. dart(prefer_const_constructors) [Ln 8, Col 10]
  Prefer const with constant constructors. dart(prefer_const_constructors) [Ln 19, Col 16]
data_covid.dart lib\models 1
  Unused import: 'package:flutter/material.dart'. dart(unused_import) [Ln 1, Col 8]
  Try removing the import directive.
provinsi_item.dart lib\widget 1
  This class (or a class that this class inherits from) is marked as '@i... dart(must_be_immutable) [Ln 4, Col 7]
```

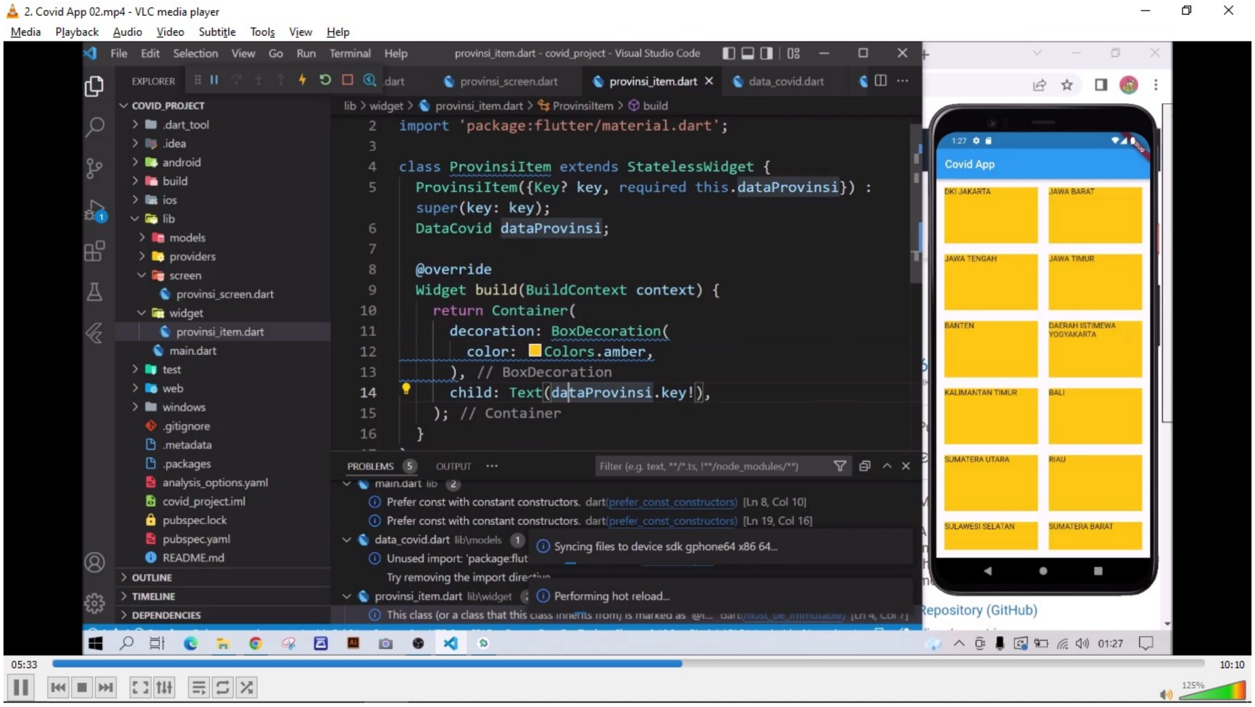
Kasih jarak di gridview kasih padding kasih 15


2. Covid App 02.mp4 - VLC media player
provinsi_screen.dart - covid_project - Visual Studio Code
lib > screen > provinsi_screen.dart > ProvinsiScreen > build
Covid App
DKI JAKARTA
JAWA BARAT
JAWA TENGAH
JAWA TIMUR
BANTEN
DAERAH ISTIMEWA YOGYAKARTA
KALIMANTAN TIMUR
BALI
SUMATERA UTARA
RIAU
SULAWESI SELATAN
SUMATERA BARAT
05:18
10:10

```
          return Center(
            child: CircularProgressIndicator(),
          ); // Center
        } else {
          return Padding(
            padding: const EdgeInsets.all(15.0),
            child: GridView.builder(
              gridDelegate:
              SliverGridDelegateWithFixedCrossAxisCount(
                crossAxisCount: 2,
                mainAxisSpacing: 20,
                crossAxisSpacing: 20,
                childAspectRatio: 5 / 3,
              ), // SliverGridDelegateWithFixedCrossAxisCo
              itemCount: dataCovid.dataProvinsi.length,
              itemBuilder: (context, index) {
```

```
PROBLEMS 4
main.dart lib 2
  Prefer const with constant constructors. dart(prefer_const_constructors) [Ln 8, Col 10]
  Prefer const with constant constructors. dart(prefer_const_constructors) [Ln 19, Col 16]
data_covid.dart lib\models 1
  Unused import: 'package:flutter/material.dart'. dart(unused_import) [Ln 1, Col 8]
  Try removing the import directive.
provinsi_item.dart lib\widget 1
  This class (or a class that this class inherits from) is marked as '@i... dart(must_be_immutable) [Ln 4, Col 7]
```

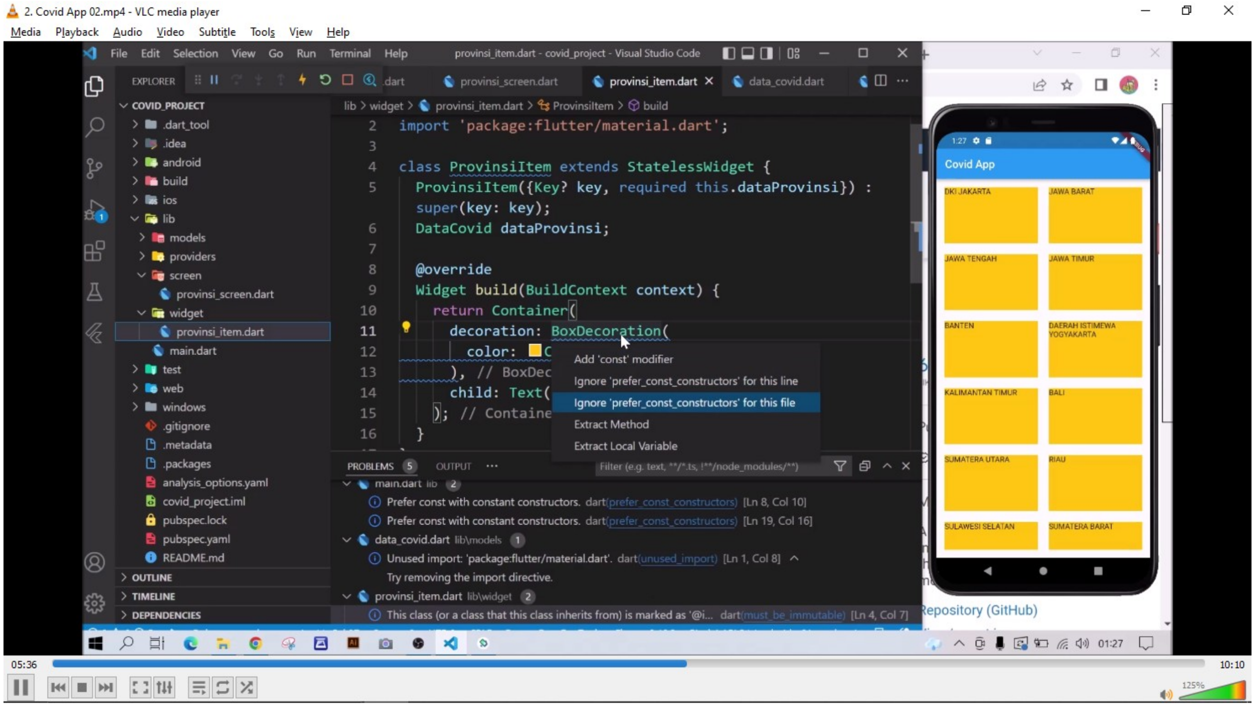
Color pindahka ke box decoration


2. Covid App 02.mp4 - VLC media player
provinsi_item.dart - covid_project - Visual Studio Code
lib > widget > provinsi_item.dart > ProvinsiItem > build
Covid App
DKI JAKARTA
JAWA BARAT
JAWA TENGAH
JAWA TIMUR
BANTEN
DAERAH ISTIMEWA YOGYAKARTA
KALIMANTAN TIMUR
BALI
SUMATERA UTARA
RIAU
SULAWESI SELATAN
SUMATERA BARAT
05:33
10:10

```
import 'package:flutter/material.dart';

class ProvinsiItem extends StatelessWidget {
  ProvinsiItem({Key? key, required this.dataProvinsi}) :
  super(key: key);
  DataCovid dataProvinsi;

  @override
  Widget build(BuildContext context) {
    return Container(
      decoration: BoxDecoration(
        color: Colors.amber,
      ), // BoxDecoration
      child: Text(dataProvinsi.key!),
    ); // Container
  }
```

```
PROBLEMS 5
main.dart lib 2
  Prefer const with constant constructors. dart(prefer_const_constructors) [Ln 8, Col 10]
  Prefer const with constant constructors. dart(prefer_const_constructors) [Ln 19, Col 16]
data_covid.dart lib\models 1
  Unused import: 'package:flut
  Try removing the import dire
provinsi_item.dart lib\widget
  This class (or a class that this class inherits from) is marked as '@i... dart(must_be_immutable) [Ln 4, Col 7]
Syncing files to device sdk gphone64 x86 64...
Performing hot reload...
```

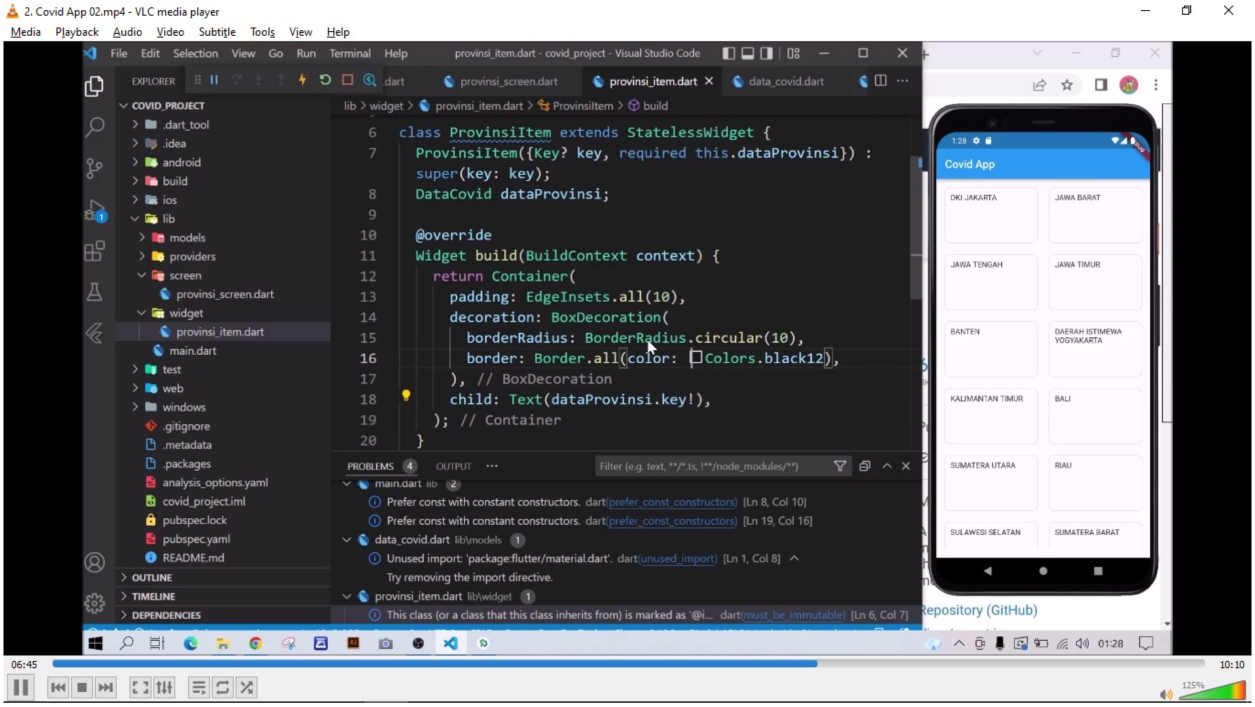
Tanda biru hapus


2. Covid App 02.mp4 - VLC media player
provinsi_item.dart - covid_project - Visual Studio Code
lib > widget > provinsi_item.dart > ProvinsiItem > build
Add 'const' modifier
Ignore 'prefer_const_constructors' for this line
Ignore 'prefer_const_constructors' for this file
Extract Method
Extract Local Variable
Covid App
DKI JAKARTA
JAWA BARAT
JAWA TENGAH
JAWA TIMUR
BANTEN
DAERAH ISTIMEWA YOGYAKARTA
KALIMANTAN TIMUR
BALI
SUMATERA UTARA
RIAU
SULAWESI SELATAN
SUMATERA BARAT
05:36
10:10

```dart
import 'package:flutter/material.dart';

class ProvinsiItem extends StatelessWidget {
  ProvinsiItem({Key? key, required this.dataProvinsi}) :
  super(key: key);
  DataCovid dataProvinsi;

  @override
  Widget build(BuildContext context) {
    return Container(
      decoration: BoxDecoration(
        color: C
      ), // BoxDec
      child: Text(
    ); // Containe
  }
```

```
PROBLEMS 5
main.dart lib 2
Prefer const with constant constructors. dart(prefer_const_constructors) [Ln 8, Col 10]
Prefer const with constant constructors. dart(prefer_const_constructors) [Ln 19, Col 16]
data_covid.dart lib\models 1
Unused import: 'package:flutter/material.dart'. dart(unused_import) [Ln 1, Col 8]
Try removing the import directive.
provinsi_item.dart lib\widget 2
This class (or a class that this class inherits from) is marked as '@i... dart(must_be_immutable) [Ln 4, Col 7]
```

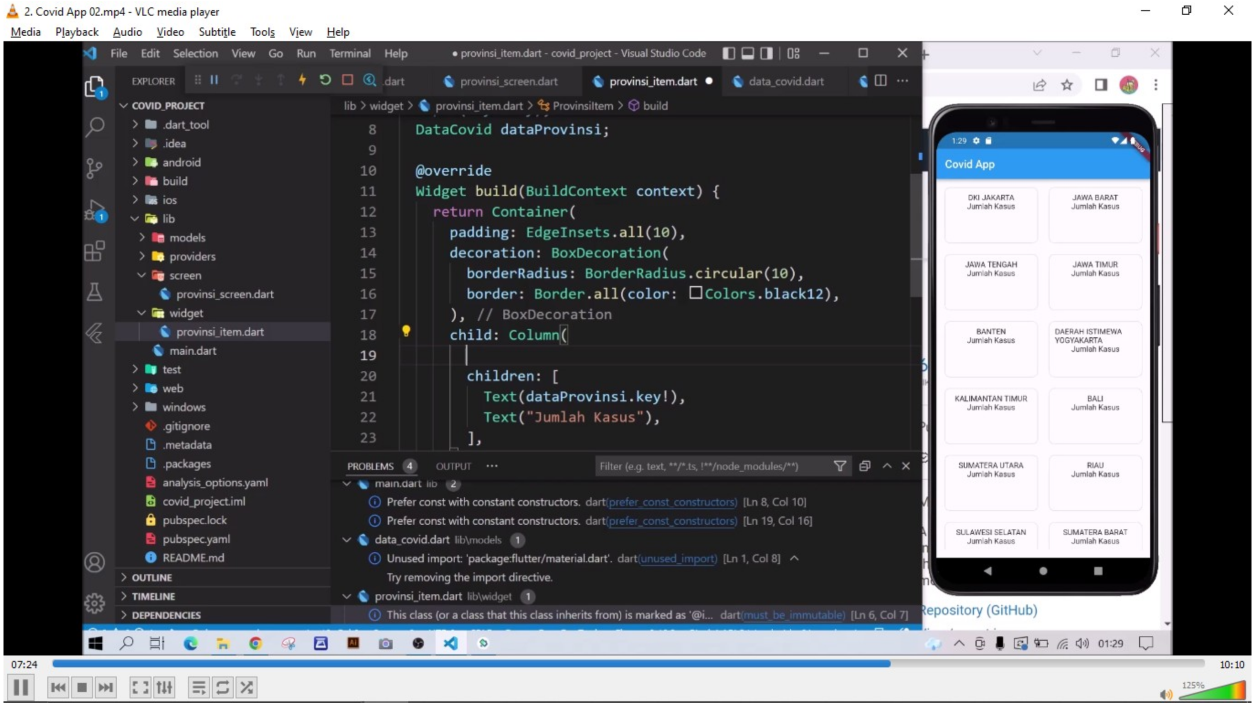
Border radius circular 10
Kemudian border.all kasih colors black
Desai bisa bebas tidak usah sama bisa dgn kreatif masing2


2. Covid App 02.mp4 - VLC media player
provinsi_item.dart - covid_project - Visual Studio Code
lib > widget > provinsi_item.dart > ProvinsiItem > build
Covid App
DKI JAKARTA
JAWA BARAT
JAWA TENGAH
JAWA TIMUR
BANTEN
DAERAH ISTIMEWA YOGYAKARTA
KALIMANTAN TIMUR
BALI
SUMATERA UTARA
RIAU
SULAWESI SELATAN
SUMATERA BARAT
06:45
10:10

```dart
class ProvinsiItem extends StatelessWidget {
  ProvinsiItem({Key? key, required this.dataProvinsi}) :
  super(key: key);
  DataCovid dataProvinsi;

  @override
  Widget build(BuildContext context) {
    return Container(
      padding: EdgeInsets.all(10),
      decoration: BoxDecoration(
        borderRadius: BorderRadius.circular(10),
        border: Border.all(color: Colors.black12),
      ), // BoxDecoration
      child: Text(dataProvinsi.key!),
    ); // Container
  }
```

```
PROBLEMS 4
main.dart lib 2
Prefer const with constant constructors. dart(prefer_const_constructors) [Ln 8, Col 10]
Prefer const with constant constructors. dart(prefer_const_constructors) [Ln 19, Col 16]
data_covid.dart lib\models 1
Unused import: 'package:flutter/material.dart'. dart(unused_import) [Ln 1, Col 8]
Try removing the import directive.
provinsi_item.dart lib\widget 1
This class (or a class that this class inherits from) is marked as '@i... dart(must_be_immutable) [Ln 6, Col 7]
```

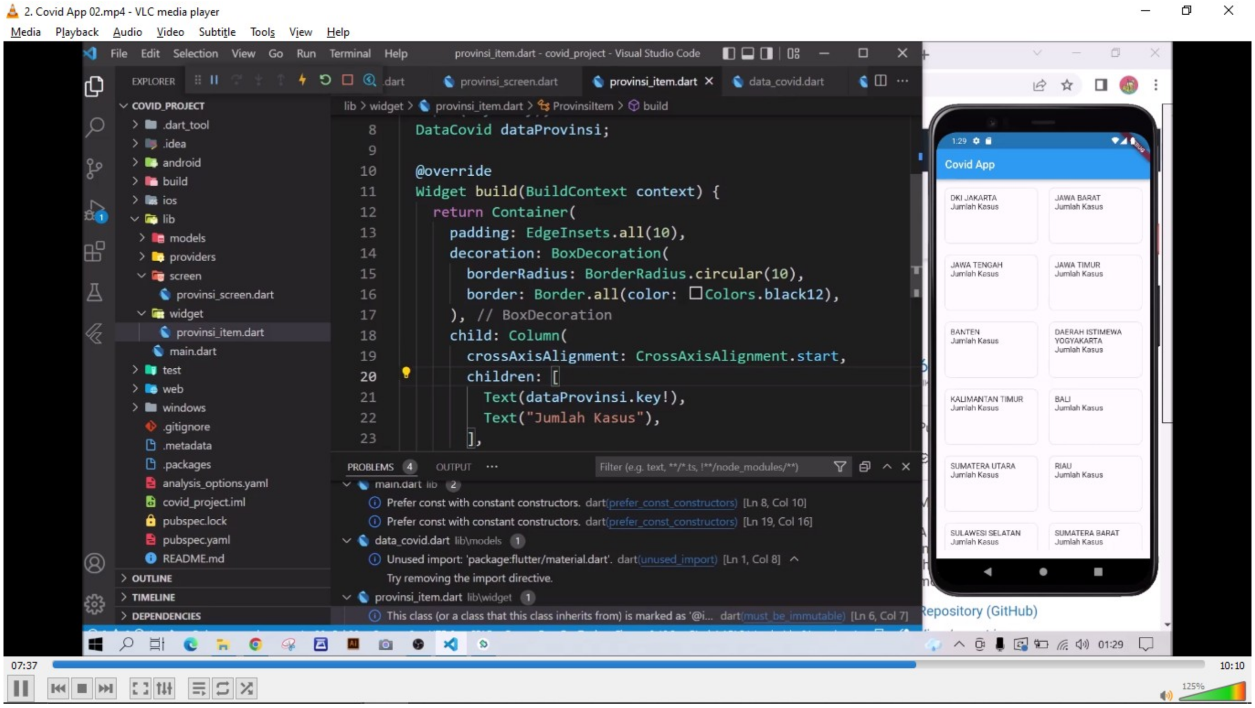
Disni sudah hanya sekedar buat grid
Kita bisa sesuai ui yg dibikin dgn bagus
Disni tampil text child ini dibuat column
Diatas ada text dibawah ada text isinya jumlah kasus


2. Covid App 02.mp4 - VLC media player
Media Playback Audio Video Subtitle Tools View Help
• provinsi_item.dart - covid_project - Visual Studio Code
EXPLORER
COVID_PROJECT
.dart_tool
.idea
android
build
ios
lib
models
providers
screen
provinsi_screen.dart
widget
provinsi_item.dart
main.dart
test
web
windows
.gitignore
.metadata
.packages
analysis_options.yaml
covid_project.iml
pubspec.lock
pubspec.yaml
README.md
OUTLINE
TIMELINE
DEPENDENCIES
provinsi_screen.dart
provinsi_item.dart
data_covid.dart
lib > widget > provinsi_item.dart > ProvinsiItem > build
PROBLEMS 4
OUTPUT
Covid App
DKI JAKARTA
Jumlah Kasus
JAWA BARAT
Jumlah Kasus
JAWA TENGAH
Jumlah Kasus
JAWA TIMUR
Jumlah Kasus
BANTEN
Jumlah Kasus
DAERAH ISTIMEWA YOGYAKARTA
Jumlah Kasus
KALIMANTAN TIMUR
Jumlah Kasus
BALI
Jumlah Kasus
SUMATERA UTARA
Jumlah Kasus
RIAU
Jumlah Kasus
SULAWESI SELATAN
Jumlah Kasus
SUMATERA BARAT
Jumlah Kasus
Repository (GitHub)
07:24
10:10
125%

```
  DataCovid dataProvinsi;

  @override
  Widget build(BuildContext context) {
    return Container(
      padding: EdgeInsets.all(10),
      decoration: BoxDecoration(
        borderRadius: BorderRadius.circular(10),
        border: Border.all(color: Colors.black12),
      ), // BoxDecoration
      child: Column(

        children: [
          Text(dataProvinsi.key!),
          Text("Jumlah Kasus"),
        ],
```

```
main.dart lib 2
  Prefer const with constant constructors. dart(prefer_const_constructors) [Ln 8, Col 10]
  Prefer const with constant constructors. dart(prefer_const_constructors) [Ln 19, Col 16]
data_covid.dart lib\models 1
  Unused import: 'package:flutter/material.dart'. dart(unused_import) [Ln 1, Col 8]
  Try removing the import directive.
provinsi_item.dart lib\widget 1
  This class (or a class that this class inherits from) is marked as '@i... dart(must_be_immutable) [Ln 6, Col 7]
```

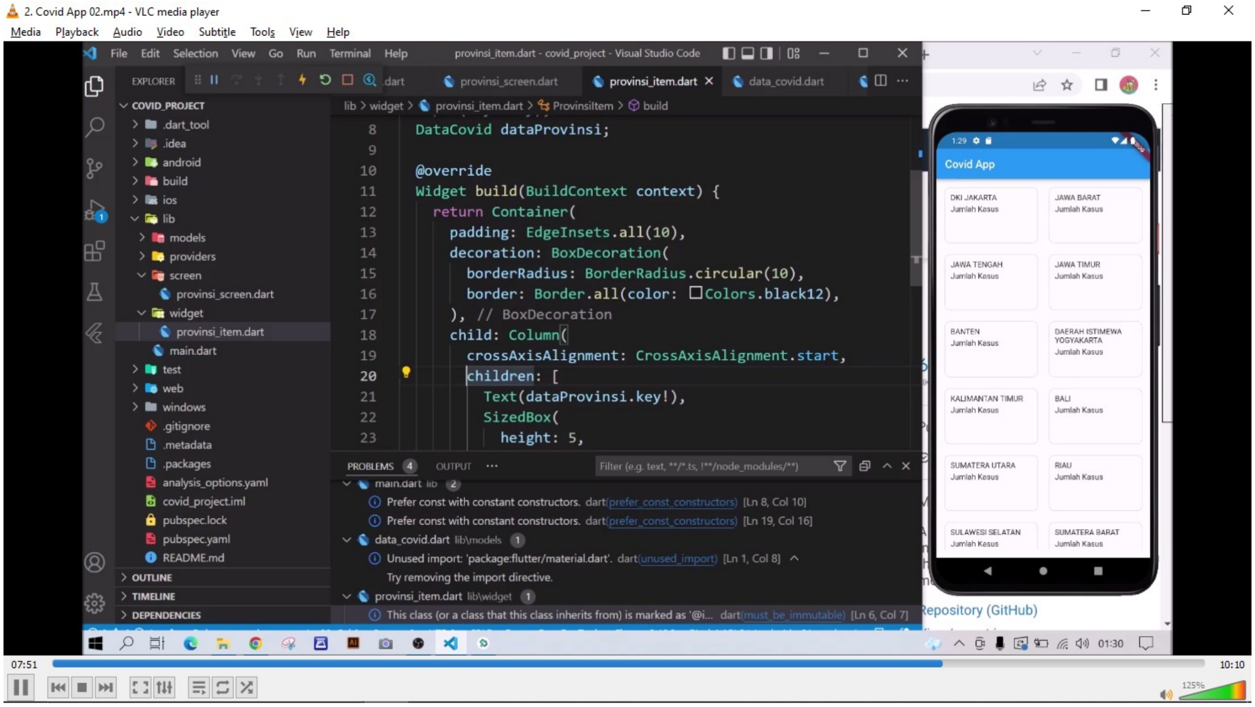
Pindahkan ke pinggir jgn ditengah


2. Covid App 02.mp4 - VLC media player
Media Playback Audio Video Subtitle Tools View Help
provinsi_item.dart - covid_project - Visual Studio Code
EXPLORER
COVID_PROJECT
lib > widget > provinsi_item.dart > ProvinsiItem > build
PROBLEMS 4
OUTPUT
Covid App
DKI JAKARTA
Jumlah Kasus
JAWA BARAT
Jumlah Kasus
JAWA TENGAH
Jumlah Kasus
JAWA TIMUR
Jumlah Kasus
BANTEN
Jumlah Kasus
DAERAH ISTIMEWA YOGYAKARTA
Jumlah Kasus
KALIMANTAN TIMUR
Jumlah Kasus
BALI
Jumlah Kasus
SUMATERA UTARA
Jumlah Kasus
RIAU
Jumlah Kasus
SULAWESI SELATAN
Jumlah Kasus
SUMATERA BARAT
Jumlah Kasus
Repository (GitHub)
07:37
10:10
125%

```
  DataCovid dataProvinsi;

  @override
  Widget build(BuildContext context) {
    return Container(
      padding: EdgeInsets.all(10),
      decoration: BoxDecoration(
        borderRadius: BorderRadius.circular(10),
        border: Border.all(color: Colors.black12),
      ), // BoxDecoration
      child: Column(
        crossAxisAlignment: CrossAxisAlignment.start,
        children: [
          Text(dataProvinsi.key!),
          Text("Jumlah Kasus"),
        ],
```

```
main.dart lib 2
  Prefer const with constant constructors. dart(prefer_const_constructors) [Ln 8, Col 10]
  Prefer const with constant constructors. dart(prefer_const_constructors) [Ln 19, Col 16]
data_covid.dart lib\models 1
  Unused import: 'package:flutter/material.dart'. dart(unused_import) [Ln 1, Col 8]
  Try removing the import directive.
provinsi_item.dart lib\widget 1
  This class (or a class that this class inherits from) is marked as '@i... dart(must_be_immutable) [Ln 6, Col 7]
```

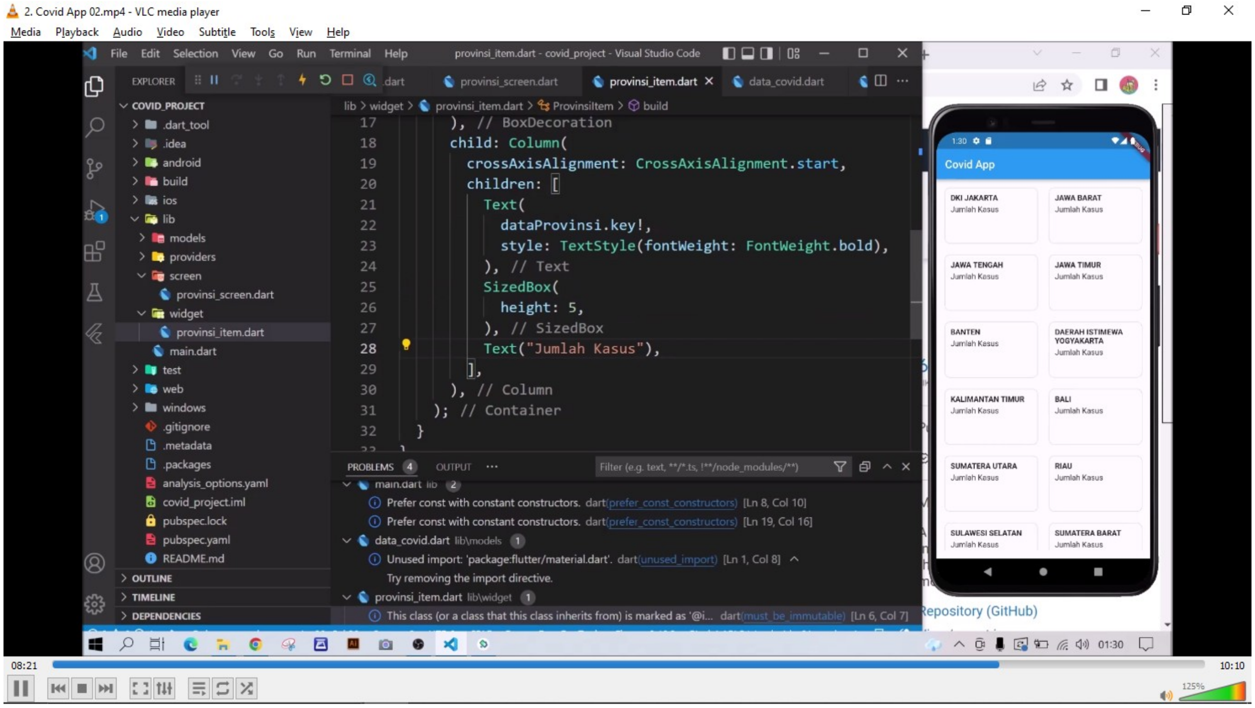
Buat jarak sizedbox heigh 5


2. Covid App 02.mp4 - VLC media player
provinsi_item.dart - covid_project - Visual Studio Code
Covid App
DKI JAKARTA
JAWA BARAT
JAWA TENGAH
JAWA TIMUR
BANTEN
DAERAH ISTIMEWA YOGYAKARTA
KALIMANTAN TIMUR
BALI
SUMATERA UTARA
RIAU
SULAWESI SELATAN
SUMATERA BARAT
Jumlah Kasus
07:51
10:10

```
  DataCovid dataProvinsi;

  @override
  Widget build(BuildContext context) {
    return Container(
      padding: EdgeInsets.all(10),
      decoration: BoxDecoration(
        borderRadius: BorderRadius.circular(10),
        border: Border.all(color: Colors.black12),
      ), // BoxDecoration
      child: Column(
        crossAxisAlignment: CrossAxisAlignment.start,
        children: [
          Text(dataProvinsi.key!),
          SizedBox(
            height: 5,
```

```
main.dart lib 2
  Prefer const with constant constructors. dart(prefer_const_constructors) [Ln 8, Col 10]
  Prefer const with constant constructors. dart(prefer_const_constructors) [Ln 19, Col 16]
data_covid.dart lib\models 1
  Unused import: 'package:flutter/material.dart'. dart(unused_import) [Ln 1, Col 8]
  Try removing the import directive.
provinsi_item.dart lib\widget 1
  This class (or a class that this class inherits from) is marked as '@i... dart(must_be_immutable) [Ln 6, Col 7]
```

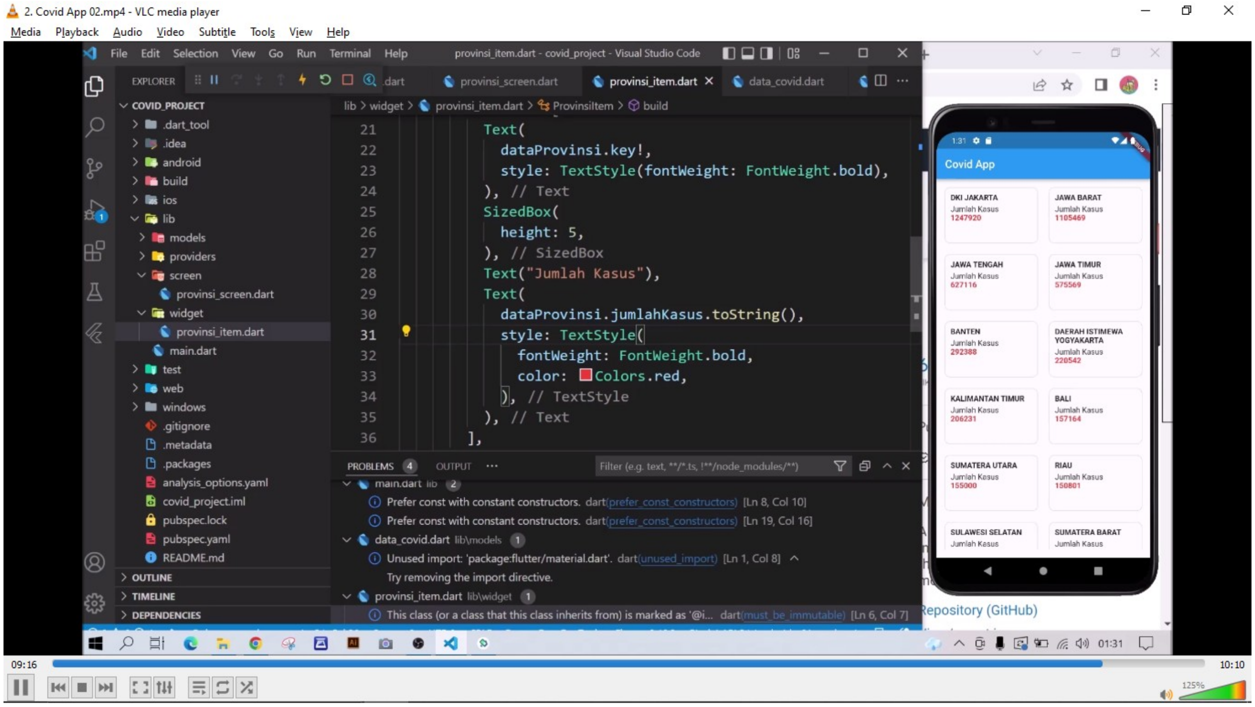
Kemudian buat style nya di text kasih bold


2. Covid App 02.mp4 - VLC media player
provinsi_item.dart - covid_project - Visual Studio Code
Covid App
DKI JAKARTA
JAWA BARAT
JAWA TENGAH
JAWA TIMUR
BANTEN
DAERAH ISTIMEWA YOGYAKARTA
KALIMANTAN TIMUR
BALI
SUMATERA UTARA
RIAU
SULAWESI SELATAN
SUMATERA BARAT
Jumlah Kasus
08:21
10:10

```
      ), // BoxDecoration
      child: Column(
        crossAxisAlignment: CrossAxisAlignment.start,
        children: [
          Text(
            dataProvinsi.key!,
            style: TextStyle(fontWeight: FontWeight.bold),
          ), // Text
          SizedBox(
            height: 5,
          ), // SizedBox
          Text("Jumlah Kasus"),
        ],
      ), // Column
    ); // Container
  }
```

```
main.dart lib 2
  Prefer const with constant constructors. dart(prefer_const_constructors) [Ln 8, Col 10]
  Prefer const with constant constructors. dart(prefer_const_constructors) [Ln 19, Col 16]
data_covid.dart lib\models 1
  Unused import: 'package:flutter/material.dart'. dart(unused_import) [Ln 1, Col 8]
  Try removing the import directive.
provinsi_item.dart lib\widget 1
  This class (or a class that this class inherits from) is marked as '@i... dart(must_be_immutable) [Ln 6, Col 7]
```

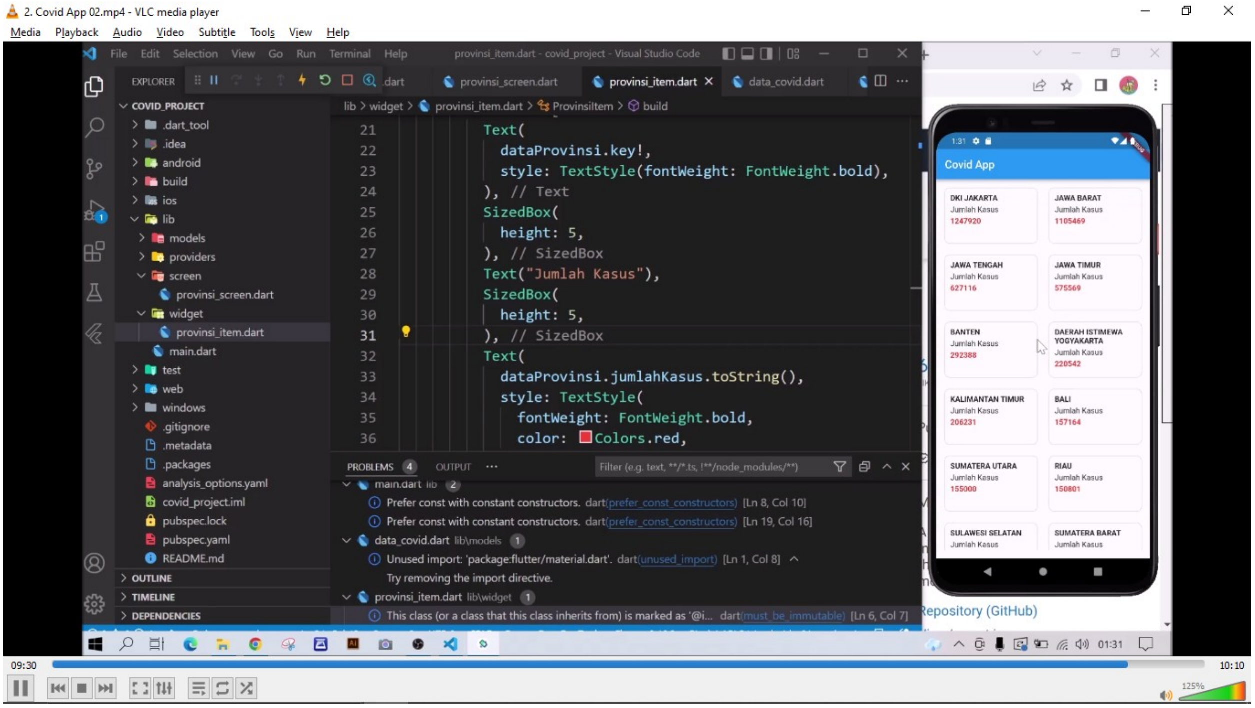
Kemudian buat lagi dari data provinsi.jumlahkasus.tostring
Maka sudah ada
Kasih style sedikit kasih bold color merah


2. Covid App 02.mp4 - VLC media player
provinsi_item.dart - covid_project - Visual Studio Code
Covid App
09:16
10:10

```
Text(
  dataProvinsi.key!,
  style: TextStyle(fontWeight: FontWeight.bold),
), // Text
SizedBox(
  height: 5,
), // SizedBox
Text("Jumlah Kasus"),
Text(
  dataProvinsi.jumlahKasus.toString(),
  style: TextStyle(
    fontWeight: FontWeight.bold,
    color: Colors.red,
  ), // TextStyle
), // Text
],
```

```
main.dart lib 2
  Prefer const with constant constructors. dart(prefer_const_constructors) [Ln 8, Col 10]
  Prefer const with constant constructors. dart(prefer_const_constructors) [Ln 19, Col 16]
data_covid.dart lib\models 1
  Unused import: 'package:flutter/material.dart'. dart(unused_import) [Ln 1, Col 8]
  Try removing the import directive.
provinsi_item.dart lib\widget 1
  This class (or a class that this class inherits from) is marked as '@i... dart(must_be_immutable) [Ln 6, Col 7]
```

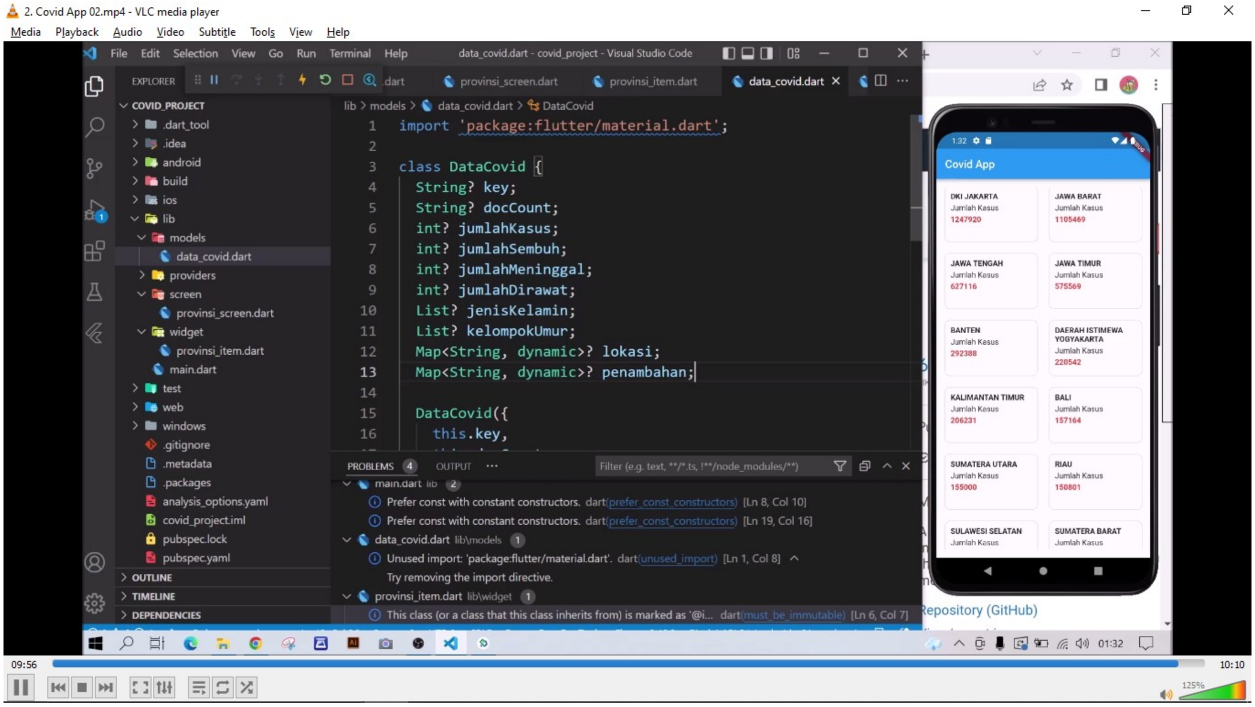
Kasih sizedbox lagi


2. Covid App 02.mp4 - VLC media player
provinsi_item.dart - covid_project - Visual Studio Code
Covid App
09:30
10:10

```
Text(
  dataProvinsi.key!,
  style: TextStyle(fontWeight: FontWeight.bold),
), // Text
SizedBox(
  height: 5,
), // SizedBox
Text("Jumlah Kasus"),
SizedBox(
  height: 5,
), // SizedBox
Text(
  dataProvinsi.jumlahKasus.toString(),
  style: TextStyle(
    fontWeight: FontWeight.bold,
    color: Colors.red,
```

```
main.dart lib 2
  Prefer const with constant constructors. dart(prefer_const_constructors) [Ln 8, Col 10]
  Prefer const with constant constructors. dart(prefer_const_constructors) [Ln 19, Col 16]
data_covid.dart lib\models 1
  Unused import: 'package:flutter/material.dart'. dart(unused_import) [Ln 1, Col 8]
  Try removing the import directive.
provinsi_item.dart lib\widget 1
  This class (or a class that this class inherits from) is marked as '@i... dart(must_be_immutable) [Ln 6, Col 7]
```

Semua data disni akan di tampilkan


2. Covid App 02.mp4 - VLC media player
Media Playback Audio Video Subtitle Tools View Help
File Edit Selection View Go Run Terminal Help
data_covid.dart - covid_project - Visual Studio Code
EXPLORER
COVID_PROJECT
.dart_tool
.idea
android
build
ios
lib
models
data_covid.dart
providers
screen
provinsi_screen.dart
widget
provinsi_item.dart
main.dart
test
web
windows
.gitignore
.metadata
.packages
analysis_options.yaml
covid_project.iml
pubspec.lock
pubspec.yaml
OUTLINE
TIMELINE
DEPENDENCIES
provinsi_screen.dart
provinsi_item.dart
data_covid.dart
lib > models > data_covid.dart > DataCovid
PROBLEMS 4
OUTPUT
Filter (e.g. text, **/*.ts, !**/node_modules/**)
Repository (GitHub)
01:32
09:56
10:10
125%

```
import 'package:flutter/material.dart';

class DataCovid {
  String? key;
  String? docCount;
  int? jumlahKasus;
  int? jumlahSembuh;
  int? jumlahMeninggal;
  int? jumlahDirawat;
  List? jenisKelamin;
  List? kelompokUmur;
  Map<String, dynamic>? lokasi;
  Map<String, dynamic>? penambahan;

  DataCovid({
    this.key,
```

```
main.dart lib 2
  Prefer const with constant constructors. dart(prefer_const_constructors) [Ln 8, Col 10]
  Prefer const with constant constructors. dart(prefer_const_constructors) [Ln 19, Col 16]
data_covid.dart lib\models 1
  Unused import: 'package:flutter/material.dart'. dart(unused_import) [Ln 1, Col 8]
  Try removing the import directive.
provinsi_item.dart lib\widget 1
  This class (or a class that this class inherits from) is marked as '@i...  dart(must_be_immutable) [Ln 6, Col 7]
```

1:32

Covid App

DKI JAKARTA
Jumlah Kasus
1247920

JAWA BARAT
Jumlah Kasus
1105469

JAWA TENGAH
Jumlah Kasus
627116

JAWA TIMUR
Jumlah Kasus
575569

BANTEN
Jumlah Kasus
292388

DAERAH ISTIMEWA YOGYAKARTA
Jumlah Kasus
220542

KALIMANTAN TIMUR
Jumlah Kasus
206231

BALI
Jumlah Kasus
157164

SUMATERA UTARA
Jumlah Kasus
155000

RIAU
Jumlah Kasus
150801

SULAWESI SELATAN
Jumlah Kasus

SUMATERA BARAT
Jumlah Kasus

Yang sudah di ubah

Screen Provinsi_layar.dart

```
// ignore_for_file: prefer_const_constructors

import 'package:aplikasi_covid/widget/provinsi_item.dart';
import 'package:flutter/material.dart';
import 'package:provider/provider.dart';

import '../provider/data.dart';

class ProvinsiLayar extends StatelessWidget {
  const ProvinsiLayar({Key? key}) : super(key: key);

  @override
  Widget build(BuildContext context) {
    Data dataVirus = Provider.of<Data>(context);
    return Scaffold(
      appBar: AppBar(
        title: Text("Virus carona 19"),
      ),
      body: FutureBuilder(
          future: dataVirus.ambilData(),
          builder: (context, snapshoot) {
            if (snapshoot.connectionState == ConnectionState.waiting) {
              return Center(
                child: CircularProgressIndicator(),
              );
            } else {
              return Padding(
                padding: const EdgeInsets.all(15.0),
                child: GridView.builder(
                  gridDelegate: SliverGridDelegateWithFixedCrossAxisCount(
                      crossAxisCount: 2,
                      mainAxisSpacing: 20,
                      crossAxisSpacing: 20,
                      childAspectRatio: 5 / 3.5),
                  itemCount: dataVirus.dataProvinsi.length,
                  itemBuilder: (context, index) {
                    final data = dataVirus.dataProvinsi[index];
                    return ProvinsiItem(dataProvinsi: data);
                  },
                ),
              );
            }
          }),
    );
  }
}
```

Widget / Provinsi_item.dart

```
import 'package:flutter/material.dart';

import '../models/data_virus.dart';

class ProvinsiItem extends StatelessWidget {
  ProvinsiItem({Key? key, required this.dataProvinsi}) : super(key: key);
  DataVirus dataProvinsi;

  @override
  Widget build(BuildContext context) {
    return Container(
      padding: EdgeInsets.all(10),
      decoration: BoxDecoration(
          // color: Colors.green,
          borderRadius: BorderRadius.circular(10),
          border: Border.all(color: Colors.green)),
      child: Column(
        crossAxisAlignment: CrossAxisAlignment.start,
        children: [
          Text(
            dataProvinsi.key!,
            style: TextStyle(
              fontWeight: FontWeight.bold,
            ),
          ),
          SizedBox(
            height: 5,
          ),
          Text("Jumlah Kasus"),
          SizedBox(
            height: 5,
          ),
          Text(
            dataProvinsi.jumlahKasus.toString(),
            style: TextStyle(
              fontWeight: FontWeight.bold,
              color: Colors.red,
            ),
          )
        ],
      ),
    );
  }
}
```